

Docket No.: 9805

2685  
Patent  
*Stul*

In re Application of:

Inventor: **Constance Liu**

Examiner: **Le, Nhan T**

Serial No.: **09/748,778**

Filing Date: **December 27, 2000**

Group No: **2685**

Title: **SYSTEM THAT CUSTOMIZES FAVORITE RADIO STATIONS FOR MULTIPLE USERS**



THE COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

SIR: Transmitted herewith is an **Amendment** for the above-referenced application.

☒ No additional fee is required.  
☐ A Notice of Appeal is enclosed.

The fee has been calculated as shown below:

	(Col. 1)		(Col. 2)	(Col. 3)	Small Entity		or	Other than a Small Entity	
	Claims Remaining After Amendment		Highest Number Previously Paid For	Number of Extra Claims Present	Rate	Additional Fee	or	Rate	Additional Fee
Total	* 17	minus	** 20	0	x \$11			x \$22	0
Independent	* 5	minus	*** 8	0	x \$38		or	x \$76	0
[ ] First Presentation of Multiple Dependent Claims					+ \$120			+ \$240	0
					Total Fee			Total Fee	0

\* If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.  
\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.  
\*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space. The "Highest Number Previously Paid For." (Total or Independent) is the highest number found from the equivalent box in Col. 1 of a prior amendment or the number of claims originally filed.

Also enclosed:

\_\_\_\_ Applicant(s) hereby Petition(s) for an Extension of Time of \_\_\_\_ month(s) pursuant to 37 C.F.R. § 1.136(a).

\_\_\_\_ Declaration under 37 CFR 1.131

Respectfully submitted,

Richard C. Liu

Date: June 15, 2005

*[Signature]*  
Richard C. Liu  
Attorney for Applicant  
Direct Dial: (408) 974- 1798

Reg. No.: 34,377

**FIRST CLASS CERTIFICATE OF MAILING (37 C.F.R. § 1.8(a))**

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*[Signature]*  
Richard C. Liu



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re **PATENT APPLICATION** of:

Constance Liu

Serial No: 09/748,778

Group Art Unit: 2685

Examiner: Le, Nhan T

Attorney Docket No.: P9805

Filed: December 27, 2000

For: **SYSTEM THAT CUSTOMIZES  
FAVORITE RADIO STATIONS  
FOR MULTIPLE USERS**

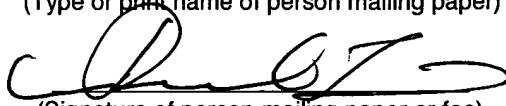
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Date of Deposit: 6/15/05

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Richard Liu

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(Signature of person mailing paper or fee)

**Amendment**

Commissioner of Patents and Trademarks  
Washington, D. C. 20231

Dear Sir:

This is in response to the Official Action mailed 4 April 2005 in connection with above-captioned patent application, setting a due date of 4 July 2005. Accordingly, no time extension is needed.

In the Official Action, the Examiner rejected claims 1-6 under 35 U.S.C. 112 first paragraph because the Examiner believes the specification fails to disclose or explain how and why the first current driver identity matching is linked with the second current driver identity as cited in claims 1, 4 and 5.

The meaning and preferred implementations of the 'first current driver identity' found in the claims is described in among other places a paragraph in the Summary of the Invention.

For a multi-driver vehicle, an identification system in the vehicle first uniquely identifies the driver entering the vehicle. The identification process may be accomplished by a number of ways including a His/Her switch located inside the vehicle,

a remote-controlled transmission, or even a key insertion. Once the driver is identified, his favorite-station preferences previously stored in the radio memory will be accessed and become associated with the several mechanical buttons.

The preferences of the 'first current driver' are then stored and subsequently re-accessed and used when the 'second current driver' is identified to be the same as that of the 'first current driver'. The same paragraph of the Summary of the Invention further discloses:

Each driver in this multi-driver vehicle may have a set of favorite-station preferences stored in the radio memory different from that of another, but each set may become associated with the same several mechanical buttons once the 'owner' of that set is identified to have entered the vehicle.

Advantageously, the present invention reduces confusion and adds comfort to the drivers of the same vehicle in that a driver's favorite-radio-station preferences are automatically made available for selection when that particular driver turns on the radio. It is as if this driver is the only driver of the vehicle.

Also, in the Description of the Preferred Embodiments page 8 starting with line 4, the subsequent identification of the same previous driver is disclosed:

Subsequently, to select and tune to the previously-saved radio station B, the driver A after having been identified by the identification system 105, will actuate the preference means 126 (e.g., depressing briefly the mechanical push button C). The control electronics 120 will then retrieve from memory 112 the radio station frequency B that is linked to the matching current driver identity and the mechanical push button C and will then proceed to tune to the radio station frequency B.

Any typical pointer reference and byte comparison operations by the system micro-controller can easily accomplish the tasks of what has been described. Those of ordinary skill in the art would readily be able to implement

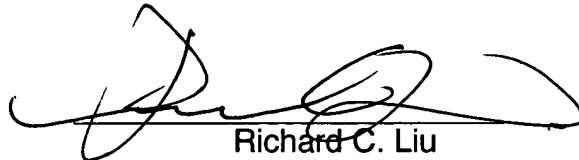
the necessary micro-controller structure and logic to achieve the functions described (1st paragraph of the Description of the Preferred Embodiments).

In view of the foregoing remarks, the Applicants hereby respectfully enclose with this amendment a list of pending claims and request that the Examiner allow the case be passed to issue.

If the Examiner finds differences that can be resolved by telephone interview, Applicants respectfully request leave for such interview by telephoning the undersigned collect at (408) 974-1798.

Respectfully submitted,

Dated: June 14, 2005

A handwritten signature in black ink, appearing to read 'Richard C. Liu', is written over a horizontal line.

Richard C. Liu  
Reg. No. 34377